1949-50 **File No.** 1932/36

A CLASS P.W. **DEPARTMENT** II

Cl. **BRANCH**

Subject:— Electric Licenses

(1) Measure for controlling the grant of:—

(2) Inclusion of Certain Conditions in the draft licenses.

A [K]

Pt II

File No. 1932/36

Ltd. Scott. Slip. 91 A

Cl. Br.

Std. Sectt. 78A e.

G R., G D., No 2408, dated 22-6-22.]

Correspondence

DOCKET SHEET (B)

Subject :—

File No. 1932/36

P. W. DEPT.

Cl. BRANCH.

References :—

Date.	To whom sent.	Notes and instructions.

Confidential. 1932/36

El (II)

Questions for Government.

(1) Have Government any objection to factories being permitted to generate their own power, irrespective of the Koyna scheme. ?

(2) What is the position (and history) of Tata's thermal ~~xxx~~ station proposals?

(3) Government take a long time to pass orders on applications for connection.

(4) What sanctions have been given; how much connected; how much suspended?

(5) Copy of different Government orders and Press notes about ban on new connections; to what extent were they permitted and when?

(6) Is it obligatory on B.E.S.T. to supply what Government have sanctioned?

(7) When did B.E.S.T. move Government to stop sanctions? When were orders passed and what were they ?

(8) Is there Government sanction for holiday staggering by B.E.S.T. If not, how to influence the 25% who have not agreed?

(9) What is the present position of Diesel oil?

Copy forwarded u.o. to the

Electrical Commissioner,

Electrical Engineer,

to supply the necessary information so far as he is concerned before 11 a.m. on Monday the 10th instant:

Id/- K. V. J.
8-10-49.

u.o. to El. Commer. dt. the 8-10-49. Id/- 8-10
El. Engr.,

2 Issued

8/10/49.

Below U.O.R. No. 1932/36-El. (II), dated the 8th October 1949, from Government in the Public Works Department.

========

CONFIDENTIAL.

N. LRM. 31/5100 1949.

Bombay, 9th October 1949.

Returned, with compliments.

2. This office is concerned only with questions (1) and (9), and the replies thereto are as under:-

Question (1) - No sanction or permission of Government is necessary for any person or factory to generate energy for his or its own purpose, and no objection has been raised by Government is this connection at any time.

Question (9) - The present position of diesel oil supply seems to be satisfactory as no complaints regarding inadequacy of supply have been received in this office from any Electric Supply Companies in the Province.

Id/-
10/10

Sd/-

D.S. Electrical Engineer to Govt.

P.

1932/36/65954

El. Br. (II) P. W. D.

The report of the El. Commer on the items of the Questionaire with which he is concerned, has not yet been received. These papers may be returned u.o. to the El. Commer. with a request to furnish the required information by return of post.

Id/-
19.10.49.

Id/-
19/10/49.

Govt of Bombay

u.o.r. to El. Commer. with the ~~G. & Br.~~

Id/-
19/10/49.

The information in question was supplied to and discussed pernonally by me with the see to Govt. (Mr. Gurjar) on Sunday morning Oct. 9th and in the afternoon of the same day with Hon. P.W.D. at his residence in Bombay. It was also supplied to the committee by Mr. Gurjar & myself pernonally on Tuesday the 11th inst.

Id/-

19/10/49.

See to Govt.

P.W.D.

u.o.r. No. 166 of 19-10-49.

E.1 (II)
20/10

Electric Grid Offices, Foreshore
Road, Bombay 1: 12th October, 1949.

From

The Secretary,
Bombay Power Shortage Committee,
Bombay.

To

The Secretary to Government,
Public Works Department, Bombay.

Sir,

I am desired by the Committee to request you to let me have the following information as promised by you during your interview with the members of the Committee on 11th instant at your very early convenience:

1) Load applied for in KW connected and demand since January 1949 for lighting and power purpose separately.

2) Load sanctioned KW connected and demand since January 1949 for lighting and power separately.

3) ~~Load~~ Load refused in KW connected and demand since January 1949 for lighting and power separately.

Yours faithfully,

Sd/-
(H.R. Vazifdar).

k.12.10.

1932/36/66806

El.B (II) . W. D.

Submitted with serial No. 69033

2. The information required by the Power Shortage Committee was furnished to it personally by that late Secy. (I) and the El. Commer. with the Govt. of Bombay, on the 11-10-49.

3. As regards the further information called for by the Committee it may be stated that the foll: information has already been furnished informalley to the Committee thro.- Mr. Shinde who was attached to that Committee:-

Loads applied for since January, 1949 till 31-8-49. (lighting & motive power)

Loads refused from January, 1949 to 31-8-49 (lighting and motive power)

4. It will be ascertained from the Secy. (Mr. Vazifdar) as to what is the extent of the information still wanting from Govt. It is understood that the Supply. Cos. have separately supplied this information in reply to the Questionaire issued to them some time back.

5. Information in respect of loads sanctioned but not connected either before Jany. 1949 or after is not available with rent. The neccy. information is being obtained from the Supply Cos, and will be furnished to it on receipt.

Id/-
16/11/49.

The Supdt. El. Br.II should see Mr. Vazifdar-Secy. Power Shortage Committee and ascertain what exact information still remains to be supplied. Information has been supplied from time to time by this Deptt. The El. Grid, the Tatas and the distributing ~~licausees~~ licensees as required by the Committee.

Id/-
16-11-49.

Resubmitted

2. Mr.Vazifdar the late Secy. of the Bombay P.S. Committee was contacted and it was ascertained that only the information mentioned in para. 5 above was required, which in the mean while the Committee received from the Tatas no further action is called for on these papers.

Id/-
11/1/50

Id/-
24/1/50.

.....

DRAFT OF A MINUTE

The recommendation considered at the meeting of the power Shortage Committee held on the 25th-November 1949, that ~~new~~ new loads with a cointident max ~~demand~~ demand up to 12,000 KW in the categories of sanctioned but unconnected loads and non-sanctioned loads of small industries which had ordered their machinery before January 1949 should be connected and that over and above this, relief should be given in August 1950 to the textile industries by implementing the half staggering scheme which, it is estimated, would increase the peak demand by - 12,000 KW, is based on various estimates and assumptions, among which the following are the most important :-

(a) That the peak demand would decrease by about 7,000 KW, if the proposal of holiday staggering of small industries which have not staggered their holidays so far, is implemented and that a reduction in the peak ~~deamnd~~ demand to the extent of 2,000 KW would be effected by the staggering of working hours of flour mills in the northern and southern areas of Bombay.

(b) That the new domestic loads being sanctioned will not, during 1950, increase the peak demand by more than 2,000 KW.

(c) That there would be no appreciable increase in the present system peak between now and August 1950 which would reduce the margin between the available generating capacity and the system peak to less than 24,000 KW.

(d) That the plant at the G.I.P. Railway Power Station at Chola will not suffer from unforeseen outages till the proposed thermal plant of the Bombay Government is installed, and that from July 1951 onwards, any outages at Chola would be covered by the Hydro plant of the Tata system.

.....

We, however, feel that the saving of a large block of power of the order of 9,000 KW would be dependant on the co-operation of a large number of industrial consumers and there is some uncertainty as to how far this will be achieved in practice especially as it would involve the strict enforcement of Holiday Staggering for a large number of small industries, which may be administratively difficult without an additional staff of inspectors. Moreover, it would be difficult to control the normal increase in the existing load of domestic and other small installations, other than that of new consumers, and to estimate the extent of such increase. (Contd. on next page)

~~such increase.~~

The Consulting Engineers to the G.I.P. Rly. had recommended that one of the L.P.boilers at Chola should be reserved for meeting unforeseen boiler outages. While this practice is desirable for normal conditions, under the present emergency we consider it necessary that Tatas and G.I.P. Railway should press into service, all available plant, apart from such plant as may be out of commission for overhauls, and believe that both these authorities are willing to co-operate in this manner. Accordingly, the figures for available capacity during the period of emergency till the end of 1953, do not permit a permanent reservation of one boiler at Chola. We understand that during the past few weeks, there have been some unforeseen outages due to boilder trouble and although we expect that when all boiler repairs are completed there would be less chances for such outages, we must remember that the risk of such outages will exist until the proposed additional steam plant of the Government of Bombay is Commissioned.

Under the circumstances, and owing to the somewhat uncertain factors mentioned above, we suggest that the Government of Bombay should review the position in June 1950 and decide whether half staggering of textile mills should be implemented in August 1950 or at a later date in July, 1951, when the capacity of the Bhira power station will have been increased by the installation of the 6th generating set.

****

Sd/-

H:A 28/11

Sd/-

(15)

Bombay,

November 28, 1949.

To

Shri H. R. Vajifdar,

Secretary,

Power Shontage Committee,

C/O Electiic Grid Offices,

Bombay 1.

POWER SHORTAGE COMMITTEE.

.....

Dear Sir,

We wish to record the attached note in relation to the recommendations considered at the last meeting of the Power Shortage Committee held on the 25th November 1949. We shall be glad if you will kindly bring it to the Chairman's attention.

Yours faithfully,

1) Sd/-
28/11

2) Sd/-
28/11

Enclo: Note.

Members of the Power Shortage Committee, Bombay.

H:A.

m The minute recorded by Dr. Ram Prasad and Mr. Kulkarni has not been incorporated to the Report of the Power Shortage Committee. There is however a revised note by them already included in the Report.

Id/-
9/1/50.

To

P. A to H. M. P. W. D.

H. M. has been informed accordingly.

Id/-
13-1-50.

P. W. D.

Pl. ascertain for Mr. Vazifdar, if

~~Page 42.~~

He received the letter dated 28/11/49 for M/S. Prasad and Kulkarni with the enclosers "Draft of Minute" and if so, how another note came to be incorported note the report from Power Shortage Committee.

Id/-

D.J.T.

1932/36.

Sir,

It has been ascertained from Mr. Vajifdar that he received the letter addressed to him along with the "draft of a minute" and that a revised note as desired by Dr. Ram Prasad and Mr. Kulkarni was finally incorporated in the Report by the Secy. No action is therefore called for as this letter which may perhaps ~~behalf~~ be returned to the Secy. of the late Power Shortage Committee for their record.

Id/-
25/1

Id/-

25/1/50.

El.B. (II) P. W.D.

The following files are put up to Secy. for his perusal as desired by him :-

A File 1932/36 : Power shortage

B File 1932/36 : Staggering of the mill Textile Working hours .

C " " : Control our Elg: Staggering.

Id/-
13/1/50

Seen these files should be sent back to me after action is taken on following:--

1) A copy from press note of the pp. 101 to 108 of file re: Power Sh. put up for my table.

2) Note by Elec. Comm. on steps for acceleration of Koyna project -- vide p. 11 of this file re : Power Sh. --- is put up for my perusal (vide also p. 83 of file re: control)

3) Pl. let me know action taken on para. 1 of HM P.W.D's minute of 18/8/49 (of p. 89 of file flag X)

4) Pl state why 2 files will same no and subject are being kept, Is it not confusing and an indication of back of method.

Id/-

1932/36

El.b.(II).

P. W. D.

Resubmitted.

2. Item (i) of the Secy's note: As desired by the Secy., a copy of the note on "Power Shortage in Bombay City" has been obtained from the Labour Deptt. and is put up for Secy's table.

3. Item (ii) of ibid: The El. Commr's note referred to by the Secy. is at pp. 47-71 of file No. 8193/36-Pt.III.

4. Item (iii) ibid: The H.M.'s minute dated 18-8-49 is at p. 131 of file No. 8193/36-III. A copy of that minute has been sent of the El. Commr. for action with reference to item (i), on 22-8-49.

5. Item (iv) of Secy's note: The ~~tow~~ two files on "Staggering of textile mill working hours in Bombay" have been amalgamated under the same No. & subject. The files were opened provisionally to facilitate disposal.

Id/-
24/1/50

Through El.Bo(I).

Id/-
24/1/50

Id/-
24/1/50

I have returned a copy of Press note. File re: Power Shortage & Staggering are returned. (1932/36-El II; & same).

The file re: Koyna has been ~~returned~~ retained for perusal. (no 8193/36. III)

These pp. (1-3) be destroyed (and not made in to a file.

Id/-

(25)

immediate

000 TH NEW DELHI 1STE IMMDTE 62 RESTIS BOMBAY.

IMMEDIATE NO 16/19/49- JUDL YOUR TELEGRAM NO 1/7 DATED

24 TH AUGUST STOP GOVERNORGENERAL APPROVE PROMULGATION OF

THE BOMBAY ELECTRICITY (EMERGENCY) (AMENDMENT) ORDINANCE

1949 (STOP) GOVERNMENT OF INDIA WOULD BE GRATEFUL IF GOVERNMENT OF

BOMBAY WOULD KINDLY ARRANGE TO HAVE THE ORDINANCE BY AN ACT AS SOON AS POSSIBLE ADDRESSED

GOVERNORS SECRETARY = HOMEIN =

This is being attended to

Seen sd 29/49.

El.B.(II) P. W. D.

The Ordinance refd. to ~~since~~ within has since been promulgated and published in the B.G.G. Extra ordinary of 1st Septr. 1949.

2. The necessary action with regard to the replacing of the ordinance by a bill, will be taken on the main papers which are under submission to H.M. P.W.D. since 27-8-49. Secy.(I) has seen the telegram.

Id/- 5/9/49.

Id/- 6/9/49.

TATA HYDRO-ELECTRIC AGENCIES LTD.,

Bombay House, Bruce Street,

Fort, Bombay 1.

August 13, 1949.

Dear Advani,

You will be interested in knowing that the Bhira unit which was being rewound is now back in service and is carrying its full load of 22,000 KW.

I would also like to advise you that we have taken No. 3 unit out of service at the Khopoli Power Plant for rewinding. We estimate that this rewinding job will take about two months.

Yours very truly,

Sd. John Kopelman.

Mr. P. B. Advani,
Electrical Commissioner with the Government of Bombay,
Foreshore Road,
Bombay.

No. P 8 N-1/13572

Electric Grid Offices,

Foreshore Road,

Bombay 1 :

18th August, 1949.

Copy forwarded with compliments for information to H. M., P.W.D., Secretariat, Bombay.

2. Mr. Kopelman has since informed me during a meeting he had with me that their set No. 2 of 22,000 KW. at Bhira had a "burn-out" during the past two days. The "burn-out", however, is not serious and they hope to put it into commission again during the next 4 or 5 days. It is felt by them that if it had been possible for them to inspect this machine, it may not have had to be put out of commission. As things are at present- owing to all the machines being in service continuously- they are unable to carry out the required inspection and maintenance. This lends force to the argument that as soon as possible new generating capacity must be added to the System and for this purpose-as American deliveries are shorter - we must press the Government of India to give us the required Dollars. As desired I am submitting a separate note to H.M,. P.W.D., in the course of the next 2 or 3 days for use during his forthcoming visit to New Delhi.

a/18.8.49. Copy w.c. to Sec to Govt
P. W.D.

Id/-

Electrical Commissioner
with the Govt. of Bombay.

1932/36

54720

Mr. Advani, Elec. Commr., phoned me at about 11 A.M. to-day and asked me to convey the following message to the Secy. -

"There will be a meeting today at 5-30 P.M. in H.M., P.W.D's room Director (Mr. Choksey)of the Tata Hydro Electric Co. and the Elec. Commr. would attend this meeting. Secy., P.W.D., is also requested to attend it. The meeting is in connection with the discussion on the D.O. letter which the Elec. Commr. Received from the Managing Director of Tatas 4-5 days ago, on the subject of putting into commission one brunt out Generator set at Bhira and taking out another at Khopoli for rewinding."

BRN.
22/8/49.

Id/- 22/8/49.

Secy. Id/- 22/8/

El.Br.(I) P. W. D. XXXXXX

Resubtd.

2. It is presummed that the result of the discussions at the above meeting will be ~~reached~~ included by the El. Commr. in the note he is submitting to the H.M. P.W.D. -vide 'A' on p 1 ante. and no adtion is necessary on the part of this office ~~of~~ ~~burent~~. at present.

Id/-
25/8/49.

The meeting did not take place.

Id/-
25/8.

Income Tax Registration No. "CCI-245/IVG/49"

No. DCCI & E Cal

598/I.V.C./49.

APPLICATION FOR IMPORT OF CAPITAL GOODS

(To be addressed to the Chief Controller of Imports, New Delhi in duplicate).

---

1. Particulars of applicant:-

Name — The General Manager, The Tata Power Co., Ltd.

Address (Postal) — Bombay House, Bruce Street, Fort, Bombay.

(Telegraphic) — "TATAPOWER" BOMBAY.

1-A. Name of directors or partners, if any, of the concern for which the goods are required.

Sir Purshotamdas Thakurdas, K.B.E., C.I.E.
Sir Chunilal V. Metha, K.C.S.I.
A.E. Blair, Esq.
A. D. Shroff, Esq.
A. H. Wadia, Esq.
Sir Fazal Rahimtoola, Kt., C.I.E.
M.N. Pochkhanawalla, Esq.
L. A. Halsall, Esq.,

2. Country from which goods are to be supplied. — United States of ~~Anerie~~ America.

3. Description of goods (with number of quantity). — One- Waterwheel Turbine and one Generator suitable for coupling with it.

4. Part and Serial No. in Shedule to Notification No. 23 ITC/43 dated 1/7/1943 or serial No. in the Schedule to the Machine Tool Control Order 1941. — Part II and serial No. 36.

5. Approximate value.....

5.	Approximate value of goods	(1) F.O.B. 630,000,00 F.A.S. New York. (2) C.I.F. (in rupees) Rs.36,25,000 C.I.F., Bombay.
5-A.	Estimated Gross weight in tons (of 2240 lbs and lbs.)	400 Tons.
6.	Name and address of manufacturer.	1) Messrs. Westinghouse Electric International Company, 40 Wall Street, New York. 5, N.Y., U.S.A. and 2) Messrs. S. Morgan Smith Co., York, PA, U.S.A.
7.	Name and address of supplier or merchant, in the country mentioned against item 2 above, on whom the order has been or will be placed.	do -
8.	Has order already been placed on supplier? If so, state number and date of order and of its acceptance, if any.	Orders placed with the manufacturers through our New ~~York~~ York Agents on ~~and~~ 2nd April 1949.
9.	Half- yearly period (January-June or July-December 19) during which shipment of the goods is desired. (The time likely to be required for manufacture should be taken into consideration.)	January/December 1950.
10.	Purpose for which goods ..	.....

10.	Purpose for which goods are required:	The turbo-generator set is to be installed at our Bhira Power House to ~~meet~~ meet the growing ~~demound~~ demand of electric power in Bombay Province. At present the ~~fira~~ firm capacity of the combined System is 230,000 KW, where as the peak load has already reached 238,100 KW and it will increase further in future. Thus it is absolutely necessary to install an additional turbo-generator set to ~~meet~~ meet the future ~~demonds~~ demands on the system.
(a)	Replacment of machinery for maintenance of existing plant, if so when was the plant installed and when was the machinery in question last replaced?	
(b)	Expansion of existing plant; if so what is the capacity of the existing plant and what will be the capacity of the expanded plant.	
(c)	New Industrial undertaking; if so what is to be the capacity of the plant.	
(d)	For stock and sale.	We import for our own use only.
11.	Where are the goods to be installed or used.	The turbo-generator set ~~not~~ will be installed at our Bhira Power House.
12.	Do the goods covered by this application form a complete order or only an instalment? If the latter, state.	Complete order.
(a)	the extent of the instalment.	
(b)	the extent of the full order.	
(c)	date of any connected application for registration.	
13.	In the case of goods	

13. In the case of goods falling under 12(a) (b) or (c) what products are to be manufactured with the machinery in question?

14. In the case of goods falling under 12(b) or (c) is any issue of capital involved? If so, has the consent of Government been obtained; and in the name of what Company?

14-A. In the case of goods falling under 12(b) what are the amounts of the present capital and the proposed expended capital ?

15. Has any other Government authority been approached in connection with the goods covered by this application, e.g. for the commencement of the proposed industry or location of the proposed factory. If so, quote reference to the correspondence.

No

16. If the goods are to be purchased from a country outside the sterling area, state whether there are any special reasons for not purchasing whithin the sterling area.

The price quoted by the British Manufactorers is 50% higher than that offered by U.S.A. manufacturers. The delivery period is such better, being 1½ years offered by U.S.A. manufacturers compared to 3½ years quoted by the British manufacturers.

17. Has import linence already .....

17. (a) Has import licence already been applied for (if so, give number and date of application). No

(b) granted (if so, give number of licence.).

For the reasons stated in item 10, we have to install the required plant within minimum possible time, so we have placed orders with the U.S.A. manufacturers.

I/We hereby declare that the above statements are true and correct to the best of my/our knowledge and belief.

Date 29the August 1949.

(Signature)

GENERAL MANAGER

THE TATA POWER CO., LTD.

KDB/D.

Note:- Any special reasons in support of the application may be explained in a covering letter.

Copy

9th April 194-

M. 1110/49

The Central Electricity Commission,

"Cleremont", The Mall,

Simla.

Dear Sirs,

Import License and Dollar Exchange

Requirements for Bhira Power Station

Additions

We are sending herewith an application for import of Capital Goods which we trust you will be able to recommend after giving due consideration to the facts outlined in this letter as to the necessity and urgency of obtaining this equipment as early as possible.

This application for importing one water wheel turbine and one alternator together with its associated exciter, voltage regulator etc. whose total approximate value is 504,028,00* F.A.S.New York, pertains to the 6th generating unit for Bhira Power Station . A further application will be made later for importing penstocks, hydraulic valves, transformer, switchgear and other miscellaneous equipment, the delivery time for which is less than the turbo-generating set itself for which the import license and the above amount is now required.

The design of the Tata Power Hydro-Electric Scheme called for six generating units and 5½ - 6 feet of storage above the spillway crest of the Mulshi Dam. The original installation which exists today, was made up of five generating units and space for the 6th unit has been reserved in the Bhira power station. The extra storage water in Mulshi reservoir has been impounded since automatic gates were added in 1945, but this water has not been fully utilised in the absence of the 6th generating unit, which is now to be installed.

While the generating .....

While the generating capacity of the 6th unit is 22,000 KW and will increase the Bhira station capability by this amount when the reservoir is full, its addition, along with an auxiliary reservoir near the tunnel outlet which will be constructed as a part of this project, has the added important feature of boosting the maximum capacity of the station from 84,000 KW to 117,000 KW when the water level approaches the point of maximum drawn down.

Quetations for this generating unit were invited from the leading manufacturers of this equipment in the United States, Great Britain, and also from Messr. Escher Wyss Company and Altiers Des Charmilles, the leading manufacturers of hydro-electric plant in Europe, Messrs. Escher Wyss declined the invitation to quote for this order and Messrs. Altiers des Charmilles quoted for turbine alone anf their price was 24% higher than that of British manufacturers. The British Co's quoted prices were 50% higher than those quoted by the Westinghouse Co., and S. Morgan Smith, both of U.S.A., with whom we now wish to place this order.

The capacity of this machine is required urgently by the Tata Hydro system where the present demands are barely being met by staggering the mill and factory shifts and shut-down days. Applications for new supplies of electricity and in turn industrial development of this important area are being held up until such time as additional generating capacity has been installed.

What is the source of greatest concern is the time required for the manufacture and delivery of this equipmen The leading British Manufacturers, Messrs. The English Electric Company, who supplied the original five turbo sets for Bhira, have quoted a delivery of 3½ years, while the other companies from whom quotations were invited consider their works unable to guarantee less than 32 to 45 months for the delivery of .....

the delivery of like equipment. The Westinghouse Company undertake to complete this unit by July 1950 and turbine delivery from S. Morgan Smith is expented before the end of 1950.

If the addition of this unit has to be delayed by over two years as necessitated by procurement in England, it will mean that industrial development in the Bombay area as well as the expansion of the existing industries will be entirely held up for that period of time. In the interests of this community which is served by the largest hydro-electric system in the country and of India as a whole, we consider it imperative that this generating capacity be added with a minimum of delay.

In the light of what we have stated above, we trust that you will be so good as to support this application of ours and allow us to place the order in the United States of America by recommending that the import license here applied for be granted.

Yours faithfully,

Sd/- F. G. Russell

GENERAL MANAGER.

SMZ/VR
Encl: Application

* The original requirements for £. 504,028 was increased to £. 630,000 to take care of certain revised specifications, spare parts, engineering, inspection and miscellaneous fees.

29th August 1949

vs

Copy

August 29, 1949

BP. 177/49

The Hon'ble Dr. Jivraj N. Metha,
Minister for Public Works,
Government of Bombay,
Bombay.

Dear Sir:

We are sending herewith a revised application for an import license for a 22,000 Kw generating set to be installed in the Bhira Power Station of the Tata Power Company. The necessary allocation of foreign exchange as a prerequisite to the issue of this license will be $ 630,000 U.S. and this application is being directed to the ordinary channels through your office in order that you may vouch for the urgency of this requirement and the necessity for this purchase being made in the U.S.A.

The revision in the application is entirely in respect of amount of U.S. dollars which, in the first application dated April 9, 1949, did not include that for a certain revised specification, spare parts, engineering, inspection and miscellaneous fees. The Central Electricity Commission and the Finance Department of the Central Government have been fully apprised of present dollar requirements and the reasons for the increase have been outlined in correspondence with these departments several months ago.

You will recall that at the meeting of the Provincial Labour Advisory Board on the 25th instant the representatives of the Tata Hydro Companies explained that, while the new unit at Bhira will have a designed capacity of 22,000 Kw, its function, along with the proposed auxiliary hill-top reservoir will be to increase the system capacity by 33,000 Kw under the most adverse conditions of normal operation.....

A copy of the covering.....

A copy of the covering letter that accompanied the original application for an import license is attached hereto. Nevertheless , we consider that this explanation should be amplified, so that you may fully appreciate our endeavours to procure this unit outside the dollar area and the implications resulting from its purchase outside the United States.

The original and the present petition to Government to grant an import license and supply the necessary foreign exchange is to obtain a 22,000 Kw generator to be supplied by the Westinghouse Company and turbine to operate the generator to be supplied by S. Morgan Smith & Co.

Before arriving at the conslusion that such units should come from the United States and therefore necessitate dollar exchange, bids were solicited from all the larger manufacturing concerns supplying similar equipment from England and from European countries. Because the present power shortage in this area makes it imperative to install additional equipment as quickly as possible, the period of delivery is extremely important, and this was emphasised in asking for bids. Some firms solicited refused to make bids because of the length of time needed by them to guarantee delivery. Among those firms submitting bids were the following:-

England

English Electric Company	-	Delivery 36 months	
B T H	...	" 45	"

Switzerland

Oerlikon	...	" 39	"
Brown Boveri	...	" 32	"
Escher Wyss (refused to bid)		"	

France

Charmilles	...	" 32	"

Czechoslovkia .....

Czechoslovkia

Kovoprim -Delivery 36 months

United States

International General Electric " 22 "

Westinghouse Electric Company " 15 "

You will notice that the shortest delivery period is from Westinghouse Electric Company, it being less than half the period required by any European supplier and only one-third the period required by one of the British suppliers. Our choice of supplier was based primarily on delivery period, although the Westinghouse Morgan Smith bid combined worked out to the lowest price, the ~~Europ~~ European prices being considerably higher than the American. We decided to place an order for the Westinghouse generator and Morgan Smith turbine and requested Government to grant import licenses and furnish exchange to the amount of £ 630,000 for this equipment. This was done four months ago. We have not as yet obtained either the import license or the exchange.

We were previously granted exchange for £ 60,000 to take care of the engineering costs which would be incurred by the Consultants in New York for the preliminary design and field work connected with the installation of this unit. This work has been done and a firm order for the equipment only awaits the granting of the exchange. The promised delivery of 15~~kk~~ months is from the time a firm order is placed and, as we have already lost four months due to not being able to obtain the import license and exchange this will, in effect, add four months to the period before this unit can be ready for service, thereby relieving the present severe shortage of power.

To illustrate the shortage now existing, I might point out that today in this area no additional power loads are being connected, this by ~~gx~~ Government Order. As you know, the textile mills are operating on a shift staggering plan whereby certain of them alternately do not operate over our peak period. The other factories are also operating on a plan whereby.....

operating on a plan whereby certain of them work on Sundays rather than a day during the week so as to spread their load over 7 days instead of 6, thereby cutting down the overall peak demand.

Among the important petitioners for additional load are the following Governmental agencies:-

		Additional Load petitioned for
1.	Bombay Port Trust ..	10,000 Kw
2.	Ordnance Factory, Ambernath	5,000 "
3.	Ammunition Factory, Kirkee	8,000 "
4.	Bombay Municipal Sewage Pumping Station	1,000 "

The above are only a few of the petitioners for additional load, but I have mentioned them as they are governmental agencies dependent on us for additional power.

The problem of adequately increasing the generating capacity of the Tata Hydro-Electric System is, as you are aware, one of extreme urgency and, while the addition of this new generating unit, will not solve all the problems appurtenant thereto, its early installation (as made possible by purchase in the U.S.A.)will go a long way toward preventing the arrest of industrial expansion in this area, the prosperity of which is so closely tied with that of India as a whole.

Yours very truly,

Tata Hydro-Electric Agencies Limited, Agents,

Sd/- John Kopelman

Managing Director

Enc.-
CM/RR

Immediate.

To pass the application from General Manager Tata Power Co. ~~Ltd.~~ with the letter addressed to me to Secretary W.M.P., New Delhi, and making the reference in the forwarding letter to the discussion I had in regard to it with Mr. M.P. Pai, Secretary, W.M.P., and strongly recommending the grant for dollars asked for.

Secretary (I).

Id/- 30-8-49.

To retain the copy in the office.

At once please

Id/-
30-8-49.

1932/36
56915

By air mail (one ~~only~~ copy sent by only post)

Immediate.

No 1932/36 E1 (I) P. W. D.

B.C., 30th Aug. 1949.

From N P G Esqr B.E.I.S.E.W

The Secy to the Govt. of Bombay, P. W. D.

(Irrign).

To

The Secy to the Govt. of India,

Ministry for Works,

Mines & Power,

New Delhi.

Sub:- Application of Messrs, The Tata Power Coy. Ltd. for an import license for a 22,000 Kw generating set.

Sir,

In forwarding herewith for necessary further action a revised application from Messrs The Tata Power Coy. Ltd., for an import license for a 22,000 Kw generating set to be installed in their Bhira Power Station, together with their letter No. B P. 177/49 of the 29th Aug.1949, to the address of the ~~Hon'ble~~ Hon'ble. Dr. Jivraj N. Metha, Minister for P.W. of this Govt.

I am to refer you to the discussion which the Hon. Minister had with you recently on the subject at Delhi and to recommend strongly that the regd. dollors may be released.

2. A copy of the coy's covering letter that accompained their original application for import license refd. to in their letter to the address of the H. M. is also enclosed.

D.A: Correspondence refd. to..

Yours faithfully,

Copy for informe. to Messrs The Tata Power Coy. Ltd.

Copy also to the El. Commer. with the Govt. of Bombay for informe.

Id/-
30/8/49

Id/-
30/8/49

1932/36
56915

Kl. Br. (I).

The letter within having issued the papers are submitted for information of D. S.

Id/-
30/8/49.

Id/- 31/8/49.

Income Tax Registration No. "CCI-245/IVC/49"

" " " No. DCCI & E Cal 598/I.V.C. /49

APPLICATION FOR IMPORT OF CAPITAL GOODS

(To be addressed to the Chief Controller of Imports, New Delhi

In duplicate.)

---

1 Particulars of applicant:-

Name General Manager, Tata Power Co. Ltd. ,

Address (Postal) Bombay House, Bruce Street, Fort, Bombay.

(Telegraphic) "TATAPOWER", BOMBAY.

1-A Name of directors or partners, if any, of the concern for which the goods are required. Sir Purshotamdas Thakurdas, K.B. E., C.I.E.; A.D. Shroff, Esq.; Sir Chunilal V. Mehta, K.C.S.I.; A. H. Wadia, Esq.; Sir Fazal Rahimtoola, Kt., C.I.E.; M.N. Pochkhanawalla, Esq.; A.F. Blair, Esq.; L.A. Halsall Esq., Treadury Director.

2. Country from which goods are to be supplied U. S. A.

3. Description of goods (With number or quantity).

Steel pipe 5931 ft. long

Diameter 58½" to 36"

Thickness, 3/8" to 1-1/8"

4. Part and Serial No. in Schedule to Notification No. 23 ITC/43 dated 1-7-1943 or serial No. in the Schedule to the Machine Too Control Order 1941. Part IIand Serial No. 36

5. Approximate value of goods (1) F.O.B. $ 336342.00

(2) C.I.F. (in rupees) $ 450869.00

= Rs. 15,02,897/-

5-A Estimated Gross weight in tons

(of 2240 lbs. and lbs.) 2076 tons.

6. Name and address of manufacturer. M/s. Willamette Iron & Steel Co. Oregon, New York, U.S.A

7. Name and address of supplier or merchant, in the country mentioned against item 2 above , on whom the order has been or will be placed. ------- do --------through M/S. Ebasco International Corpn., Two Rector St., New York 6, N.Y., USA

8. Has order already been placed on supplier? If so, state number and .....

8. Has order already been placed on supplier? If so state number and date of order and of its acceptance, if any. — Order will be placed Immediately on receipt of import licence.

9. Half-yearly period (January-June or July-December 19) during which shipment of the goods is desired. (The time likely to be required for manufacture should be taken into consideration.) — July/ December 1950.

10 Purpose for which goods are required:

(a) Replacment of machinery for maintenance of existing plant if so when was the plant installed and when was the machinery in question last replaced ?

(b) Expansion of existing plant; if so what is the capatity of the existing plant and what will be the capacity of the expanded plant. — For increasing the generating capacity of Bhira Hydro-Electric plant from 95000 KW to 128,000 KW.

(c) New Industrial undertaking; if so what is to be the capacity of the plant.

(d) For stock and sale.

11. Where are the goods to be installed or used. — At the Bhira Power House of Tata Power Co.

12. Do the goods .....

12. Do the goods covered by this application form a complete order or only and instalment ? If the latter, state. Complete Order.

(a) the extent of the instalment

(b) the extent of the full order.

(c) date of any connected application for registration.

13. In the case of goods falling under 12 (b) or (c) what products are to be manufactured with the machinery in question ?

14. In the case of goods falling under 12 (b) or (c) is any issue of capital involved ? If so, has the consent of Government been obtained; and in the name of what Company ?

14-A In the case of goods falling under 12 (b) what are the amounts of the present capital and the proposed expanded capital ?

15. Has any other Government authority been approached in connection with the goods covered by this application, e.g. for the commencent of the proposed industry or location of the proposed factory ?. If so, quote reference to the correspondence.

16. If the goods are to .....

16.	If the goods are to be purchased from a country outside the sterling area, state whether there are any special reasons for not purchasing within the sterling area.	The best sterling area quotation is 22% higher than U.S.A. quotation and the best delivery from sterling area is 14 months against 9 months from U.S.A. For urgency of delivery please see attached letter.
17.	Has import licence already been	
(a)	applied for (if so, give number and date of application).	No
(b)	granted (if so, give number of licence.)	

I/We hereby declare that the above statements are true and correct to the best of my/our knowledge and belief.

Id/-

Date 29th August 1949. - (Signature)

GENERAL MANAGER.

KDB/SMZ/AV. THE TATA POWER CO. LTD.

Note:- Any special reasons in support of the application may be explained in a covering letter.

THE TATA POWER COMPANY, LIMITED. BHIRA PIPE LINE KL.

Comparative statement of quotations for supply of pipe line and deliveries.

BRIEF SPECIFICATION: Open hearth or electric furnance steel in accordance with ASTM Specification A 30 for plates, 55,000 to 65,000 lbs. Tensile stress per square inch, flange quality steel. Structural shapes open hearth steel- ASTM Specification A 7 - Rivets to ASTM Specification A 31, grade 'B'

Serial No.	Firm	Country	Total cost Bombay $	Shipment Months Completion		According to Specification
1	Dravo Corporation Pitts-burgh, Pa.	U.S.A.	644,312		7	Yes, but many auxiliaries are not include
2	Ferrum Pipe - Agents Thy	Poland	598,935		14	Tensile strength not up to specification.
3	-do-		544,711		14	Re-designing of pipe line by bending the pipes transverse to the grain of steel as rolled, which is not acceptable to our Consultants.
4	Usines Metallurgiques de Hainaut - Couillet.	Belgium	775,135		24	Yes.
5	Societe D'Escaut & Meuse	France	710,545	Start Complete	8 16	Same as for items 2 and 3 above.
6	Bethleham Steel Export Co.	U.S.A.	555,898		9	Not entirely to specification and contains escalation clause.
7	U. S. Steel					

Serial No.	Firm	Country	Total Cost Bombay $	Shipment Months Completion		According to Specification
7	U. S. Steel Export Co.	U.S.A.	571,516		6	Yes, but contains escalation clause.
8	U.S. Steel Export Co.	U.S.A.	463,315		6	Same as item 6.
9	M. H. Treadwell Co.	U.S.A.	568,233		9	Yes, but contains escalation clause.
10	Wyatt Metal & Boiler Works.	U.S.A.	414,132		9	Not entirely to our specification.
11	Global Equipment Exporting Co.	U.S.A.	654,701		9	Not entirely up to our specification and contains escalation clause.
12	Willamette Iron & Steel Co.	U.S.A.	450,869		9	Yes.
13	Boving & Co.	U.K.	570,760	Start Complete	12 24	Not entirely to our specification and contains escalation clause.
14	Boving & Co.	U.K.	535,032	Start Complete	12 24	Not entirely to our specification and contains escalation clause.
15	South Durham Steel & Iron	U.K.	547,641	Start Complete	5 14	Not entirely to our specification and contains escalation clause.
16	South Durham Steel & Iron	U.K.	511,915	Start Complete	5 14	Not entirely to our specification and contains escalation clause.
17	Giovanola	Switzer-land	651,000		6	No.
18	Terni Societa per L'Industria e L' Elettriccio.	Italy	782,285		15	No details received yet.
19	Acciana e Tubifica di Brescia.	Italy	756,462		20	No details received yet.
20	Indian Hume Pipe Co.	India	-			Enquiry sent on 11-5-49, no response yet.
21	M Kamani Engineering Corp.	India	-			No response to our enquiry yet.

NPN/SMZ/D. 29-8-49. Id/-

THE TATA POWER COMPANY LIMITED.

BOMBAY HOUSE. 24 BRUCE STREET. FORT

TEL. "TATAPOWER" BENTLEY'S CODE PHONE 26041

BOMBAY.

Ref:-BP 178/49

August 29, 1949.

The Hon'ble Dr. Jivraj N. Mehta
Minister for Public Works
Government of Bombay
Bombay.

Dear Sir:

PENSTOCK FOR THE SIXTH 22,000 KW UNIT

AT BHIRA

Further to our letter No. Bp 177/49 of even date, we enclose our application for import license amounting to £ 450,869.00 for steel penstock for the Bhira Sixth Unit. The need for importing this meterial from U.S.A. arises from the fact that it is essential that we obtain the penstock sufficiently in advance so that they may be installed and be ready for service by the time the turbine and generator, which are on order from U.S. and which, assuming that import license and dollar release will be forthcoming without further delay, is expected to be ready for service by July 1951. We estimate that installation of penstock will take 10 to 15 months and, in order that this installation may coincide with the installation of turbine and generator, the penstock must be delivered at site by June 1950, i.e. prior to the break of monsoon as, otherwise, transport to site during monsoon would not be feasible. This schedule calls for the completion of delivery of the penstock in 9 months from date and any delay in delivery period beyond such date would postpone the inauguration of the new capacity correspondingly.

On the basis of these requirements, we invited tenders from all the well-known U.S.A. and U.K and Continental suppliers of high pressure pipe lines and the attached tabulation summarises the position with regard to prices, delivery and whether or not the material offered came up to the specification of our Consulting Engineers.

From this .....

From this tabulation it will be observed that Messrs. Willamette Iron and Steel Company offer suitable delivery and their price on the basis of acceptable specification is the lowest and almost £ 100,000 lower than the quotation of Messrs. South Durham Steel and Iron which is the best U.K. quotation for acceptable material. We are therefore submitting to the Government the attached application for import license in the hope that they will take immediate steps to approve our proposal to place the order in U.S.A. and sanction the import license and the release of necessary dollars so that we may proceed with our programme of augmenting the power supply facilities in this area without any further loss of time.

In view of the above, we are taking the liberty of addressing this application to you with a sincere hope that you will forward it with your recommendations to the proper authorities.

Yours very truly,

Tata Hydro-Electric Agencies Limited,

Agents,

Sd/-

Managing Director.

Encl:

SMZ-RR

Spoke to Mr. Kopelman .....

Spoke to Mr. Kopelman on phone this afternoon in ~~conver-~~ Connection ~~sation~~ with this letter and told ~~them~~ him that as he had told me after the meeting at Industrial Advisoary Board on 25th Aug. that it will be possible for the Com. to obtain Penstock from eleswere, I had not made any ~~ref~~ reference to my talks in Delhi for Dollers in regards this item and that it would be now difficult to raise it. I also told him that ~~and~~ I had every hope of the dollers for the 22,000 KW unit for the Bhira Power Station. But I would give him no assuarance. The matter will be discussed in committee in Delhi a fortnight or a later that he might know result in about 3 weeks, so for this application is concerned informed Mr. Kopelman that it would not be possible for reason mentioned above to forward the application as requested and he would arrange for Penstock otherwise.

Id/-

30 - 8 - 49.

H. M., P. W. D.'S Office,

Dated:- 30/8/49.

For H. M., P.W.D'S remarks on this application from the Tata's , Please see page 2.

Id/-
30/8/49.

Id/-
31/8/49.

1932/36
57478

El.Br.(I) P. W. D.

Submitted.

2. The application of Messrs Tatas for an import license for a 22,000 KW generating set for their Bhira Power House has already been forwarded to the Govt. of India, Ministry for Works ,Mine's and Power.

3. The Tatas have forwarded another application for import of Penstock for the Bhira Sixth unit for transmission to the Govt. of India with this Govts. recommendation. From H. M. P. W. D.'s minute of the 30/8/49, it will be seen that he has refused to transmit the application to the Govt. of India and asked the Managing Director of Tatas to arrange for the Penstock otherwise. In view of this no further action is necessary on the application.

Id/-
10/9/49.

Id/- 10/9/49.

We might inform him officially in the matter.

Id/- 12/9/49.

El. Br. (I)

Resubmited.

2. The draft put up may issue, if applied.

Id/-
12/9/49.

Id/- 12/9/49.

1932/36
57478.

No. 1932/36 E1 (I). P. W. D.

B.C. 13th Sept. 1949.

To

The Managing Director,

Tata Hydro. electric Agencies, Ltd.

Bombay House, 24 Bruce Street,

Fort, Bombay.

Sub:- Penstock for the sixth 22,000 KW unit at Bhira.

Dear sir,

I am to refer to your letter No. B P 178/49, of the 29-8-49, to the address of the H. M. P. W. D. enclosing an application for import license for ~~xxxx~~ steel penstock for the Bhira sixth unit from U. S. A. and to state that for the reasons communicated to you on ~~phone~~ phone by the H.M. on the 30th ultimo the application has not been transmitted to the Govt. of India and you have to arrange for the penstock otherwise

Yours faithfully,

Id/-
12/9/49

D.A. -Nil

Id/- 12/9/49.

GOVERNMENT OF INDIA

Ministry of Works, Mines and Power.

No. EL-II/33 (14). Dated, New Delhi The 15th Sept. 1949.

From Shri S. Neelakantam,

Deputy Secretary to the Government of India.

To

The Secretary to the

Government of Bombay,

Public Works Department,

Bombay.

Subject:- Application of Messrs. The Tata Power Co. Ltd., for an import license for a 22000 K.W. generating set.

Sir,

I am directed to refer to your letter No. 1932/36-EL. (I), dated the 30th August 1949, on the above subject and to say that the Government of India has sanctioned the release of £ 539,094/- for the purchase of 22000 K.W. generating set for Bhira Power Station and an import license No. 012492/CCI/HEP? dated the 12the Sept' 1949 has already been issued to the Tata Power Co. A sum of £ 539,094 was sanctioned on the information supplied by the local representative of the firm who met an officer of the Chief Controller of Imports in that connection. This amount is exclusive of £ 10,812/- on account of freight charges, as it is considered that goods can easily be transported by Scindia's bottoms or any other soft currency vessels.

2. I am, to request that the Tata Power Co. be requested to ship the goods in non-dollar vessels.

Yours faithfully,

Id/-
(S. Neelkantam)

Deputy Secretary to the Government of India.

Id/-
S. Singh/15/9.

Seen Id/- 21-9-49.

1932/36
61315

El Br.(I). P. W. D.

Submitted for information with reference to G.l. No. 1932/36 El (I), of the 30-8-49.

2. The application of Messrs Tatas Contained a request for the release of 630 million dollors for the purchase of the set. On the information supplied by the local representative of the firm the Govt. of India have however sanctioned the release of 539,094 dollars exculsive of 10,812 dollars on account of freight charges. It is considered that goods can easily be transported by Scindia's bottoms or any other ~~Dollr~~ soft currency vessels. The Govt. of India, request that Tatas may be requested to ship the goods in non dollar vessels.

3. The draft put up may issue if applied.

Id/- 20/9/49.

Id/- 20/9/49.

Id/- 20/9/49.

~~Secy.~~

Secy.(I)

H. M. P.W.D.

H. M. has Seen.

1932/36
61315.

No. 1932/36 El (I). P. W. D.

B.C. 27th Septr. 1949.

To

Messrs, The Tata Power Coy. Ltd.

Bombay House, Bruce Street,

Fort, Bombay.

Sub:- Application for an import license for a 22,000 KW generating set.

Dear Sirs,

I am to enclose a copy of letter no El.II/33 (14), ~~of~~ dated the 15/9/49 form the Govt. of India, Ministry of Works, Mines and Power, for your inforamtion and to request that the goods may be shipped in non-dollar vessels as advised by the Govt. of India.

Yours faithfully,

D.A: copy of letter.

Copy, with a copy of the Govt. of India's letter refd. to, for information to the Elecl. Commer. With the Govt. of Bombay with reference to Govt. ~~of India.~~ endt. No. 1932/36 El.(I), ~~of~~ dated the 30-8-49.

Id/- 20/9/49.

Secy.(I)

Id/- 20/9/49.

Id/- 20/9.

(75)

Income Tax Registration No. "CCI-245/IVC/49"

No. DCCI & E Cal 598/[redacted]I.V.C./4

APPLICATION FOR IMPORT OF CAPITAL GOODS

(To be addressed to the Chief Controller of Imports, New-Delhi in duplicate.)

---

1. Particulars of applicant:-

Name General Manager, Tata Power Co. Ltd.

Address (Postal) Bombay House, Bruce Street, Fort, Bombay.

(Telegraphic) "TATAPOWER", BOMBAY.

1-A Name of directors of partners, if any, of the concern for which the goods are required. Sir Purshotamdas Thakurdas, K.B.E., C.I.E.; A.D. Shroff, Esq.; Sir Chunilal V. Metha, K.C.S.I.; A.H. [redacted] Wadia, Esq. ; Sir Fazal Rahimtoola, Kt., C.I.E.; M. B. Pochkhanawalla, Esq.; A.E. Bleir, Esq. L.A. Halsall, Esq., Treasury Director,

2. Country from which goods are to be supplied. United Kingdom.

3. Description of goods (with number of quantity). Steel pipe 5931, ft. long [redacted] Diameter 58½" to 36" Thickness 3/8" to 1-1/8".

4. Part and Serial No. in Shedule to Notification No. 23 ITC/43 dated 1-7-1943 or serial No. in the Schedule to the Machine Tool Control Order 1941. Part II and Serial No. 36.

5. Approximate value of goods (1) F.O.B. £ 100,000/- F.O.B. Liverpool.
(2) C.I.F.(in rupees) Rs. 18,25,470/- C.I.F. Bombay.

5-A. Estimated Gross weight in tons (of 2240 lbs. and lbs.) 1500 tons.

6. Name and address of manufacturer. M/s. South Durham Steel & Iron Co.Ltd., Malleable Works, Stockton-on-Tees.

7. .....

7. Name and address of supplier or merchant, in the country mentioned against item 2 above, on whom the order has been or will be placed.

--- do --- through Messrs. Tata Ltd. 18, Grosvenor Place. London, S.W.1

8. Has order already been placed on supplier? If so, state number and date of order and of its acceptance, if any.

Order will be placed immediately on receipt of import licence.

9. Half-yearly period (January-June or July-December 19) during which shipment of the goods is desired. (The time likely to be required for manufacture should be taken into consideration.)

July/December 1950.

10. Purpose for which goods are required:

(a) Replacement of machinery for maintenance of existing plant, if so when was the plant installed and when was the machinery in question last replaced ?

(b) Expansion of existing plant; if so what is the capacity of the existing plant and what will be the capacity of the expanded ~~paint~~ plant.

For increasing the generating capacity of Bhira Hydro-Electric plant from 95000KW to 128,000 KW.

(c) New Industrial undertaking; if so what is to be the capacity of the plant.

(d) For stock and sale.

We import for our own use only

11.	Where are the goods to be installed or used.	At the Bhira Power House of Tata Co.
12.	Do the goods covered by this application form a complete order or only an instalment? If the latter, state. (a) the extent of the instalment. (b) the extent of the full order. (c) date of any connected application for registration.	Complete order.
13.	In the case of goods falling under 12(a) (b) or (c) what products are to be manufactured with the machinery in question?	
14.	In the case of goods falling under 12(b) or (c) is any issue of capital involved? If so, has the consent of Government been obtained; and in the name of what Company?	
14-A.	In the case of goods falling under 12(b) what are the amounts of the present capital and the proposed expanded capital?	
15.	Has any other Government authority been approached in connection with the goods covered by this application, e.g. for the commencement of the proposed industry or location of the proposed factory? If so, quote reference to the correspondence.	No
16.	If the goods.....	

(68)

16. If the goods are to be purchased from a country outside the sterling area, state whether there are any special reasons for not purchasing withing the sterling area.

The goods will be imported from the Sterling area.

17. Has import licence already been
(a) applied for (if so, give number and date of application)
(b) granted (if so, give number of licence).

I /We hereby declare that the above statements are true and correct to the best of my/our knowledge and belief.

Date 26th September 1949.

Id/-

(Signature)

GENERAL MANAGER.

THE TATA POWER CO. LTD.

KDB/TND/AV.

Note:— Any special reasons in support of the application may be explained in a covering letter.

THE TATA POWER COMPANY LIMITED.

BOMBAY HOUSE. 24, BRUCE STREET, FORT.

TEL " TATAPOWER" BENTLEY'S CODE-

PHONE 26041

B O M B A Y.

REF. September 26, 1949

The Hon'ble Dr. Jivraj N Mehta
Minister for Public Works
Government of Bombay
Bombay.

Dear Sir:

PENSTOCK FOR THE SIXTH 22,000 KW UNIT
AT BHIRA

We addressed our letter No. BP. 179/49 dated 29th August 1949 to you enclosing our application for an import license for the steel penstock for the Bhira Sixth Unit, stating therein the grounds on which we had requested permission to order this equipment from the United States, namely, that the cost would be approximately 21% less and earlier delivery dated. We have now received reply No. 1932/36 El (I) dated 13th September 1949 from the Deputy Secretary to the Government of Bombay, Public Works Department, that our application for import license for steel penstock from the United States of America is not transmitted to the Government of India, and we should arrange otherwise.

In the circumstances, we have prepared the revised application for an import license, enclosed herewith, covering purchase in the sterling area from Messrs South Durham Steel & Iron Co. Ltd., England. This ~~firm's~~ Firm's quotation is considered to be the next most favourable for the equipment to our specification, taking into account both price and delivery dates.

This application is enclosed herewith in triplicate and we shall be most obliged if you will be kind enough to transmit it .....

transmit it to the Government of India with your support for favour of very early sanction.

Yours very truly,

Tata Hydro-Electric Agencies Limited,

Agents,

Id/-

Managing Director.

Encl:

For: attention.

WSN-RR

Id/- 28/9/49.

See & C.E. (I)

Pass on quickly please

Id/-
30/9

1932/36
64277

El. Bch. (I). Public Works Deptt.

Submitted with reference to Govt. Letter No. 1932/36-El.(I), dated the 13-9-49 and the office note under lying it.

2. The Tata Power Coy., Ltd., has forwarded a revised application for import of penstock for the sixth unit at Bhira for transmission to the Govt. of India with the Recommedation of this Govt. The license is for import from sterling area- viz. England .

3. In view of the Secy. (I)'s note within, the draft put up may issue, if approved. It does not seem necessary to submit the papers to the H.M. in view of his note within.

Id/-
7/10/49.

MKP.
7/10/49.

Id/-
7/10/49.

VERY URGENT.

1932/36
64277

No. 1932/36 El.(I).

Public Works Deptt.

B.C., 8th Octr. 1949.

To

The Secy. to the Govt. of India,

Ministry for Works, Mines and Power,

New Delhi.

Subject:- Penstock for the sixth 22,000 KW unit at Bhira.

.....

Sir,

I am directed to forward herewith an application (in duplicate) from Messrs. the Tata Power Coy. Ltd., for an import license to purchase penstock for the sixth unit at Bhira in the sterling area from Messrs. South Durham Steel and Iron Coy. Ltd., England, together with a copy of their letter dated the 26-9-49 addressed to the Hon'ble Dr. Jivraj N. Mehta, Minister for Public Works of this Govt. and to recommend strongly that the necessary sterling may be released.

7/10-49

Yours faithfully,

Copy for in formation to Messrs. the Tata Power Coy. Ltd.

- - -- -o- - - - -

D.A.- Copy of the letter referred to, and the application.

Cppy also to the Elel. Commr. with the Govt. of Bombay, for ~~information~~ information.

Id/-
7/10/49.

Will D.A. Issued

MKP.
7/10/49.

Id/- 7/10/49.

Ref No. AEU/ 12/820/50 21st February 1950.

The Secretary to the Government of Bombay,
Public Works Department, Confidential.
Bombay.

Dear Sir,

Report of the Power Shortage Committee

On page 90 of the Power Shortage Committee's Report the Committee discussing the question of improving the efficienty of certain licensees who take bulk power from the Tata Hydro System refers to certain differences between the cost at which power is purchased and that at which it is sold.

In the case of the Thana Electricity Co. Ltd. the Committee has mentioned 1.39 anna as being the difference per unit, but I am advised that as per the accounts of the Thana Company for the year ended 31st March 1948 the difference is only 0.625 anna, and for the year ended 31st March 1949 it is 0.625 anna.

I shall be grateful if Government would advise me as to the basis on which calulations regarding the difference have been made by the Committee.

Yours faithfully,

Id/-
Secretary.

Mr. Vazifdar may see
for remarks.

Id/-
23/2

1932/36/14315

El. Br. (I) .... P.W.D.

Acknowledged under no. 1932/36-El.(I), Date the ~~24~~ 24-2-50.

Id/- 23/2/50 Id/- 23/2/50

Issued 24-2-50 A.g.

Urgent

U.O. to the Elect. Commer. (with reference to the Secy's. orders overleaf), ~~dt~~ dated. 25-2-50.

El (I)
22/2

Below P.W.D.U.O.R.No. 1932/36/14315 dated 25-2-1950.

- - - - -

Electric Grid Offices.

The figure of 1.39 anna/unit is based on the figures shown in the annual accounts for the years ending 31st March 1947, as submitted to Government by the licensee. It represents the difference between the total cost to the licensee per unit sold and the cost per unit of purchased power.

Id/-
0/3/50.

El.B. I
11/3

The Secy. to Govt.,

P.W.D., Bombay.

U.O.R.No. P-Con-1 (B)/ 3351

Bombay 1: 10th March, 1950.

K. 9.3.

No. 1932/36-El (I).

Public Works Department,
Bombay Castle (Bombay No.1),
20th March 1950.

From

The Deputy Secretary to the Government of Bombay,
Public Works Department.

To

The Secretary,
The Association of Electrical Undertakings,
Bombay Province.

Subject: Report of the Power Shortage Committee.

.....

Dear Sir,

I am directed to refer to your letter No. AEU/12/820/50, dated the 21st February 1950, and to state that the figure of 1.39 anna/unit is based on the figures shown in the licensee's annual accounts for the year ending the 31st March 1947 as submitted to Government, and represents the difference between the total cost to the licensee per unit sold and the cost per unit of purchased power.

Yours faithfully,

Id/-
Deputy Secretary to the Government
of Bombay, Public Works Department.

D.A.-Nil.

2
GJP.
20/3

Issued
23/3/ Af.

No. AEU/12/927/50 Bombay. 4th April 1950.

The Secretary to the Govt. of Bombay,

Public Works Department,

Secretariat,

Bombay.

Dear Sir,

Report of the Power Shortage Committee

I thank you for your letter No 1932/36-El(I) of 20th March.

The contents of your letter was brought to the notice of the Thana Electric Supply Co. Ltd. who has commented as follows:

"According to us the average price in annas obtained per unit sold was (column 30) 2.9

AND

"Total working costs were (column 23)... 2.185

Difference in annas 0.715

"We do not know how Government have calculated."

I shall be glad to have Government's views in due course.

Yours faithfully,

Id/-

Secretary.

El. Br. (I) 1932/36/27258

P.W.D.

Submitted.

2. The papers may be refered ulo. to the Elecl. Commer. for remarks, in the first instance.

Id/-
15/4/50.

Id/-
17/4/50.

u.o. to Elecl Commer. dated, 19/4/50.

Below P.W.D.U.O.R.No. 1932/36/27258 dated 19-4-1950.

ELECTRIC GRID OFFICES.

The difference of 1.89 anna per unit (not 1.39 anna per unit as erroneously mentioned by the Associatiim of Electrical Undertakings at page (1)) has no relation to the revenue derived from the sale of energy. It only represents the difference between the total cost per unit Sold viz. 2.38 annas and the cost per unit of power purchased Viz. 0.49 anna.

Sd/-
24/4/50.
for E.C.

El. (I)
7/5/50.

The Secy. to Govt.,
P.W.D., Bombay,
U.O.R.No. P-Con-1(B) /8067
Bombay 28th April, 1950.
NGK/27/4

El. Br.(I)

1932/36
34209

P.W.D.

Submitted with reference to u.o.r. of the 17-4-50.

2. In view of the Elecl. Commr's clarification, above, the draft put up may issue if approved.

Id/-
8/5/50

Id/- 9/5/50

(9M)

No. 1932/36-El.(I).

1932/36/34209

P. W. D.

B.C. (Bombay No. 1)

10th May, 1950.

To,

The Secretary,

The Association of Electrical,

Undertaking, Bombay Province,

Killick Building, Home Street,

Bombay.

Subject: Report of the Power Shortage Committee.

Dear Sir,

I am directed to refer to your letter No. AE 11/12/927/50, dated the 4-4-50 and to state that the difference in the case of the Thana Electric Supply Coy. mentioned by the power Shortage Committee at p. 90 of its report is 1.89 anna and not 1.39 anna per unit, as stated in the earlier correspondence. This difference has no relation to the renenue derived from the sale of energy. It only represents the difference between the total cost per unit Sold viz. 2.38 annas to the cost per unit of power Purchased viz. 0.49 anna.

Id/-
8/5/50

. Yours faithfully,

Asst. Secy. to the Government of

Bombay, P. W. D.

D.A. NIL

K.S.R. APJ 11/5

Copy of letter No. SE/6413 dated the 29th June 1950, from the services Department, The Bombay Electric Supply & Transport Undertaking, Electric House, Bombay No.1, to the Electrical Engineer to Govt., P.W.D., Bombay. Re:— Bombay Power Shortage.

With further reference to our letter No. SE/5771/50-51 dated the 20th June, 1950, we enclose herewith a copy of letter No. EM/ 132/SR dated the 23rd June, 1950, which we have received from the Mechanical Engineer, Bombay Municipality , for your information.

Cppy of letter No. EM/132/SR dated 23-6-1950, from the Mechanical Engineer, Bombay Municipality, Bombay, to the General Manager, The Bombay Electric Supply & Transport Undertaking, Colaba, Bombay 1. Re:- Bombay Power Shortage.

I have to refer to your letter reference SE/721 of 11-4-50 enclosing a copy of a letter dated 10-2-50 from Mr. S.M. Bhisey, received by you through the Electrical Engineer to Government of Bombay, P.W.D. , Bombay, and have to state as under:-

At present at the Sewage Purification Works at Dadar only sewage gas is available and this is being satisfactorily utilised for heating and cooking purposes as well as for Laboratory work at the K.E.M. Hospital, R.P.T.B. Hospital and Wadia Hospital at Parel.

Whatever volume of sewage gas is being generated at these Works, is being utilised to save electric consumption or fuel as far as possible. A further proposal is in hand to use this gas for the domestic requirements of the nearby Housing Societies requirements.

The Special Engineer of .....

The Special Engineer of the Bombay Municipality has already under consideration other proposals of utilising this sewage gas when generated in large volumes at the other proposed schemes, for running Municipal Transport Vehicles and to generate electricity to run the Municipal Pumping installation at important stations, if ultimatley found convenient and economical.

"True Copies"

Id/-

Head Clerk to the

Electrical Engineer to Govt.

Id/-

(101)

Below U.O.R. No. 1932/36/11958 dated the 27thm February 1950, from Government in the Public Works Department.

No. LRM. 31/ 5628 ~~fo~~ 07 1950.

Bombay, 13th July 1950.

Returned with compliments, through the Elec. Commissioner with the Government of Bombay.

The matter was taken up with the Bombay Electric Supply and Transport Committee, Bombay who stated that a copy of Shri S.M. Bhisey's letter was forwarded to the Mechanical Engineer of the Bombay Municipality for his views as officer-in-charge of the Municipal Purification Works at Dadar. A copy of the letter received in reply from that officer which is self explanatory, is enclosed for further action.

Sd/-

Electrical Engineer to Govt.

Id/-

L.M.

Below P.W.D.U.O.R.No. 1932/36/11958 dated the 27th February, 1950 received through the Electrical Engineer vide his Letter No. LRM-31-5628 dated 13-7-1950.

- - - - - - -

Electric Grid Offices.

Shri S.M. Bhisey's chief proposal is to satisfactorily utilize the available sewage gas so as to save some quantum of electrical power. According to the Mechanical Engineer, Bombay Municipality, vide copy of his letter at page 5 ante, the sewage gas available at the Sewage Purification Works is already being utilized for heating and cooking purposes, as well as for Laboratory Work at the K.E.M., R.P.T.B. and Wadia Hospitals, thus resulting in saving of some power, which can be made available for release elsewhere. Furthermore, the Bombay Municipality have under consideration proposals of utilizing sewage gas, when generated in large volumes at their other proposed Purification Plants for generating electricity to run some of the Municipal pumping installations, and such other purposes. When such Gas-generated power is utilised at the Municipal installations, equivalent quantum of electrical power from the present system of the B.E.S.T. would be available for release for other purposes.

Id/- 22/7/50

The Secy. to Govt.
P.W.D., Bombay.

U.O.R.No. P-Con/ 16868

Bombay 1: 24 th July, 1950.

LKK/21/7.

1932/36/59863

El.Br. (I).

P& W. D.

Submitted with reference to the O.N. dated the 23-2-50.

2. This is a suggestion from Shri S. M. Bhisey re: utilization of sewage gas for generation of ely. Please see the reports submitted by the Elect. Engr. and the Elect. Commer. within. In view there of Shri Bhisey may be addressed as per draft put up for- approval- which may issue after u.o.r. to the Dev. Deptt. which is now concerned with the subject "gas and Gasworks"

Id/- Id/- 11/8/50.

12/8/50. U.O. to Dev. Dept. dated 16.8.50

Seen and returned to the P.W.D.

Id/- 17/8

Id/- 21/8/50

Id/- 26/8

El (I) 31/8

u.o. to P.W.D. 30/8/50

1932/36/71713.

El.Br. (I) XX P. W. D.

Submitted with reference to the O.N. dated the 11-8-50.

2/- Please see the D.D. note overleaf. In view there of the draft put up may new issue.

Id/-
1/9/50

Id/-
1/9/50.

Id/-
1/9

Id/- 1/9.

(107)

1932/36/59863.

No. 1932/36- El.(I).

P. W. D.

B.C.(Bombay No. 1)

7th Sept. 1950.

To

Shri S. M. Bhisey, B.A., B. Sc.(Hons.)

460, Budhwar Peth,

Post Box No. 537,

Poona 2 .

Subject:- Bombay Power Shortage.

Dear Sir,

With reference to your letter dated the 10th February 1950, on the subject mentioned above I am directed to state that on inquiries it is understand that the sewage gas available at the sewage Purification works at Dadar is already being utilised by the Bombay Muny. for heating and cooking purposes, as well as for Laboratary Work at the K.E.M. , R.P.T.B. & Wadia Hospitals. Further more, the B'bay Muny. has under consideration proposals of utilizing gas, when generated in large volumes at its other proposed Purification Plants, for generating ely. to run some of the Municipal pumping installations and other purposes. When such -gas-generated power is utilised at the Municipal installations, equivalent quantum of elecl. power from the present system of the B.E.S.&T. undertaking will be available for release for other purposes.

Yours faithfully,

D.A.-Nil

A.A.S. to Govt., P.W.D.

Copy forwarded for information to the Dev.Deptt.,
the Elecl. Commer. with the Govt. of B'bay(with reference to his No. P.-Con/16868, dated the 24/7/50).
the Elecl. Engr. to Govt. (with reference to his No. LBM. 31/5628, dated the 13-7-50).

Id/- 11/8/50.

Id/-

Issued 9-9-50 AA